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OM protein - protein search, using SW model

Run on: May 16, 2003, 10:39:11 ; Search time 15 Seconds  
(without alignments)  
23,538 Million cell updates/sec

Title: US-09-551-151a-43

Perfect score: 64

Sequence: 1 SPQGIAGQRFN 12

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 08  
Maximum Match 1008  
Listing first 500 summaries

Database :

Issued Patents, AA:\*

- 1: /cgn2\_6/ptodata/1/1aa/5A.COMB.pep.\*
- 2: /cgn2\_6/ptodata/1/1aa/5B.COMB.pep.\*
- 3: /cgn2\_6/ptodata/1/1aa/6A.COMB.pep.\*
- 4: /cgn2\_6/ptodata/1/1aa/6B.COMB.pep.\*
- 5: /cgn2\_6/ptodata/1/1aa/PCRTUS.COMB.pep.\*
- 6: /cgn2\_6/ptodata/1/1aa/backfilest.pep.\*

Prod. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length DB	ID	Description
1	42	65.6	8	1	US-08-213-897A-1
2	42	65.6	9	2	US-08-859-610A-2
3	42	65.6	9	4	US-09-328-347A-2
4	42	65.6	15	2	US-08-859-610A-1
5	42	65.6	15	4	US-09-328-347A-1
6	42	65.6	19	4	US-09-010-999-9
7	42	65.6	822	4	US-09-219-849-49
8	42	65.6	1057	3	US-08-931-820-1
9	42	65.6	1341	3	US-08-963-825-18
10	42	65.6	1341	4	US-09-500-811-18
11	42	65.6	1341	4	US-09-570-573-18
12	42	65.6	1341	4	US-09-548-608-18
13	42	65.6	1461	4	US-09-585-887-9
14	42	65.6	1461	4	US-09-289-578-9
15	40	62.5	8	1	US-08-213-897A-2
16	40	62.5	19	4	US-09-010-999-8
17	40	62.5	1060	3	US-08-931-820-3
18	40	62.5	1418	3	US-08-963-825-20
19	40	62.5	1418	4	US-09-010-999-1
20	40	62.5	1418	4	US-09-500-811-20
21	40	62.5	1418	4	US-09-570-573-20
22	40	62.5	1418	4	US-09-548-608-20
23	40	62.5	1442	2	US-08-316-650-12
24	40	62.5	1442	5	PCT-US95-02251-12
25	38	59.4	595	4	US-09-234-827B-4
26	38	59.4	695	4	US-09-513-057C-2
27	38	59.4	695	4	US-09-513-057C-35

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32	37	57.8	12	1	US-08-330-599-16	Sequence 16, Appl
33	36	56.2	452	4	US-08-764-870-16	Sequence 16, Appl
34	36	56.2	452	4	US-08-980-115-16	Sequence 16, Appl
35	36	56.2	918	4	US-09-041-886-11	Sequence 11, Appl
36	35	54.7	7	2	US-08-859-610A-4	Sequence 4, Appl
37	35	54.7	7	4	US-09-328-347A-4	Sequence 4, Appl
38	35	54.7	822	4	US-08-941-445A-17	Sequence 17, Appl
39	34	53.1	25	4	US-09-366-887A-18	Sequence 18, Appl
40	34	53.1	97	4	US-09-366-887A-27	Sequence 27, Appl
41	34	53.1	1529	2	US-08-728-470-10	Sequence 10, Appl
42	34	53.1	1529	4	US-08-719-641-10	Sequence 10, Appl
43	34	53.1	1600	2	US-08-617-697-10	Sequence 10, Appl
44	34	53.1	2628	4	US-09-413-814-11	Sequence 11, Appl
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49	33	51.6	1057	3	US-08-931-820-4	Sequence 4, Appl
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55	32.5	50.8	2471	4	US-09-419-291A-4	Sequence 4, Appl
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61	32	50.0	44	4	US-09-099-639-24	Sequence 24, Appl
62	32	50.0	44	5	PCT-US93-12588-24	Sequence 24, Appl
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87	31	48.4	78	2	US-08-465-500-2	Sequence 2, Appl
88	31	48.4	78	3	US-08-532-384-15	Sequence 15, Appl
89	31	48.4	78	3	US-08-693-828-2	Sequence 2, Appl
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93	31	48.4	220	4	US-09-398-731-24	Sequence 24, Appl
94	31	48.4	220	4	US-09-398-731-26	Sequence 26, Appl
95	31	48.4	225	4	US-09-399-913-30	Sequence 30, Appl
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97	31	48.4	252	4	US-09-399-913-20	Sequence 20, Appl
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99	31	48.4	252	4	US-09-399-913-28	Sequence 28, Appl
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102	31	48.4	252	4	US-09-298-731-22	Sequence 22, Appl	175	30	46.9	496	2	US-08-511-485-10	Sequence 10, Appl
103	31	48.4	252	4	US-09-298-731-28	Sequence 28, Appl	176	30	46.9	496	3	US-09-212-971-10	Sequence 10, Appl
104	31	48.4	257	4	US-09-298-731-16	Sequence 16, Appl	177	30	46.9	496	4	US-08-800-929A-10	Sequence 10, Appl
105	31	48.4	257	4	US-09-298-731-16	Sequence 16, Appl	178	30	46.9	496	4	US-08-800-929A-10	Sequence 10, Appl
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108	31	48.4	265	5	PCT-US96-06053-3	Sequence 3, Appl	181	30	46.9	595	4	US-09-219-849-48	Sequence 48, Appl
109	31	48.4	270	4	US-09-399-913-14	Sequence 14, Appl	182	30	46.9	656	4	US-09-376-781-3	Sequence 3, Appl
110	31	48.4	270	4	US-09-399-913-14	Sequence 14, Appl	183	30	46.9	678	5	PCT-US93-03027-3	Sequence 3, Appl
111	31	48.4	270	4	US-09-298-731-14	Sequence 14, Appl	184	30	46.9	684	4	US-09-564-805-23	Sequence 23, Appl
112	31	48.4	270	4	US-09-298-731-14	Sequence 14, Appl	185	30	46.9	834	2	US-08-861-454-4	Sequence 4, Appl
113	31	48.4	413	2	US-08-481-814A-8	Sequence 8, Appl	186	30	46.9	834	2	US-08-396-001-4	Sequence 4, Appl
114	31	48.4	413	3	US-08-636-582-2	Sequence 2, Appl	187	30	46.9	834	4	US-09-323-433A-4	Sequence 4, Appl
115	31	48.4	413	3	US-09-265-566-2	Sequence 2, Appl	188	30	46.9	1321	2	US-08-317-310A-64	Sequence 64, Appl
116	31	48.4	413	4	US-09-242-737-4	Sequence 4, Appl	189	30	46.9	2890	4	US-09-413-814-67	Sequence 67, Appl
117	31	48.4	467	4	US-09-134-001C-5301	Sequence 5301, Ap	190	30	46.9	3079	5	PCT-US94-00198-4	Sequence 4, Appl
118	31	48.4	600	6	5268463-2	Patent No. 5268463	191	30	46.9	3798	3	US-09-335-409-6	Sequence 6, Appl
119	31	48.4	602	2	US-08-882-704A-5	Sequence 5, Appl	192	30	46.9	3798	4	US-09-566-102-6	Sequence 6, Appl
120	31	48.4	602	2	US-09-151-957-5	Sequence 5, Appl	193	30	46.9	3798	4	US-09-566-102-6	Sequence 6, Appl
121	31	48.4	602	6	5432081-2	Patent No. 5432081	194	30	46.9	3798	4	US-09-566-486-6	Sequence 6, Appl
122	31	48.4	603	4	US-09-149-727-6	Sequence 6, Appl	195	30	46.9	3798	4	US-09-566-472-6	Sequence 6, Appl
123	31	48.4	648	4	US-09-199-637A-221	Sequence 221, App	196	30	46.9	3798	4	US-09-566-472-6	Sequence 6, Appl
124	31	48.4	832	3	US-08-630-820-7	Sequence 7, Appl	197	30	46.9	3798	4	US-09-566-472-6	Sequence 6, Appl
125	31	48.4	832	3	US-08-483-101-15	Sequence 15, Appl	198	30	46.9	3798	4	US-09-566-472-6	Sequence 6, Appl
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127	31	48.4	1242	3	US-09-057-570-4	Sequence 4, Appl	200	29	45.3	25	1	US-08-383-348A-10	Sequence 10, Appl
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131	31	48.4	1487	4	US-09-185-373-2	Sequence 4, Appl	204	29	45.3	25	1	US-08-383-348A-10	Sequence 10, Appl
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133	31	48.4	1657	3	US-09-057-570-2	Sequence 2, Appl	206	29	45.3	197	4	US-09-370-838-206	Sequence 206, Appl
134	31	48.4	1805	3	US-09-057-570-7	Sequence 7, Appl	207	29	45.3	237	4	US-09-216-295-19	Sequence 19, Appl
135	31	48.4	1891	2	US-08-804-227C-12	Sequence 12, Appl	208	29	45.3	264	2	US-08-436-748-8	Sequence 8, Appl
136	31	48.4	1891	2	US-08-804-227C-12	Sequence 12, Appl	209	29	45.3	265	3	US-08-436-748-8	Sequence 8, Appl
137	31	48.4	2523	1	US-08-185-432-18	Sequence 18, Appl	210	29	45.3	344	1	US-08-892-254-7	Sequence 7, Appl
138	31	48.4	2523	4	US-08-699-323-3	Sequence 3, Appl	211	29	45.3	344	2	US-08-813-539-7	Sequence 7, Appl
139	30.5	47.7	585	2	US-08-867-941-21	Sequence 21, Appl	212	29	45.3	344	2	US-09-030-270A-7	Sequence 7, Appl
140	30.5	47.7	585	4	US-09-074-658-21	Sequence 21, Appl	213	29	45.3	344	4	US-08-984-207-7	Sequence 7, Appl
141	30.5	47.7	753	2	US-08-867-941-20	Sequence 20, Appl	214	29	45.3	344	4	US-09-013-587-7	Sequence 7, Appl
142	30.5	47.7	753	2	US-09-074-658-20	Sequence 20, Appl	215	29	45.3	344	5	PCT-US96-08819-7	Sequence 7, Appl
143	30.5	47.7	985	2	US-08-867-941-13	Sequence 13, Appl	216	29	45.3	362	2	US-08-846-762-83	Sequence 83, Appl
144	30.5	47.7	985	2	US-08-867-941-13	Sequence 13, Appl	217	29	45.3	362	2	US-08-846-762-83	Sequence 83, Appl
145	30.5	47.7	985	4	US-09-074-658-13	Sequence 13, Appl	218	29	45.3	366	4	US-09-210-843-2	Sequence 2, Appl
146	30.5	47.7	985	4	US-09-074-658-13	Sequence 13, Appl	219	29	45.3	366	1	US-07-649-591B-4	Sequence 4, Appl
147	30.5	47.7	1000	2	US-08-867-941-12	Sequence 12, Appl	220	29	45.3	396	1	US-08-277-540-4	Sequence 4, Appl
148	30.5	47.7	1000	2	US-08-867-941-12	Sequence 12, Appl	221	29	45.3	396	1	US-08-430-787A-4	Sequence 4, Appl
149	30.5	47.7	1000	4	US-09-074-658-12	Sequence 12, Appl	222	29	45.3	448	4	US-09-134-001C-1146	Sequence 1146, Appl
150	30.5	47.7	1000	4	US-09-074-658-12	Sequence 12, Appl	223	29	45.3	461	4	US-09-102-528-25	Sequence 25, Appl
151	30.5	47.7	2432	4	US-09-074-658-15	Sequence 15, Appl	224	29	45.3	474	2	US-08-836-854-9	Sequence 9, Appl
152	30.5	47.7	2439	4	US-09-074-658-11	Sequence 11, Appl	225	29	45.3	490	4	US-08-472-028A-10	Sequence 10, Appl
153	30	46.9	6	2	US-08-859-610A-3	Sequence 3, Appl	226	29	45.3	490	4	US-09-071-296-10	Sequence 10, Appl
154	30	46.9	6	2	US-09-328-347A-3	Sequence 3, Appl	227	29	45.3	490	4	US-09-196-268-10	Sequence 10, Appl
155	30	46.9	10	3	US-09-184-658-15	Sequence 15, Appl	228	29	45.3	490	4	US-09-015-683-10	Sequence 10, Appl
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158	30	46.9	20	4	US-09-106-568E-119	Sequence 119, Appl	231	29	45.3	535	4	US-09-023-348-5	Sequence 5, Appl
159	30	46.9	41	1	US-07-700-526-3	Sequence 3, Appl	232	29	45.3	537	4	US-09-023-348-5	Sequence 5, Appl
160	30	46.9	41	5	PCT-US92-03133-3	Sequence 3, Appl	233	29	45.3	554	2	US-08-524-051-2	Sequence 2, Appl
161	30	46.9	88	1	US-08-815-177-3	Sequence 3, Appl	234	29	45.3	554	2	US-09-052-778-16	Sequence 16, Appl
162	30	46.9	88	3	US-09-066-049-3	Sequence 3, Appl	235	29	45.3	626	4	US-08-961-083-106	Sequence 106, Appl
163	30	46.9	96	4	US-09-230-637-44	Sequence 44, Appl	236	29	45.3	730	1	US-08-121-713D-58	Sequence 58, Appl
164	30	46.9	228	4	US-09-219-849-38	Sequence 38, Appl	237	29	45.3	730	1	US-08-836-268-58	Sequence 58, Appl
165	30	46.9	279	4	US-09-010-999-2	Sequence 2, Appl	238	29	45.3	730	2	US-09-060-692-58	Sequence 58, Appl
166	30	46.9	330	2	US-09-134-001C-4781	Sequence 4781, Ap	239	29	45.3	730	3	US-08-833-331-58	Sequence 58, Appl
167	30	46.9	330	4	US-08-873-093-3	Sequence 3, Appl	240	29	45.3	730	4	US-09-060-692-58	Sequence 58, Appl
168	30	46.9	330	4	US-09-206-646-3	Sequence 3, Appl	241	29	45.3	730	5	PCT-US94-10151A-58	Sequence 58, Appl
169	30	46.9	404	2	US-08-282-197C-62	Sequence 62, Appl	242	29	45.3	741	4	US-09-001-964C-106	Sequence 106, Appl
170	30	46.9	404	2	US-08-873-093-1	Sequence 1, Appl	243	29	45.3	751	4	US-08-946-026-6	Sequence 6, Appl
171	30	46.9	479	2	US-08-873-093-4	Sequence 4, Appl	244	29	45.3	833	2	US-08-844-086-2	Sequence 2, Appl
172	30	46.9	479	2	US-09-206-646-1	Sequence 1, Appl	245	29	45.3	833	2	US-09-018-211-2	Sequence 2, Appl
173	30	46.9	485	1	US-08-362-512A-2	Sequence 2, Appl	246	29	45.3	881	1	US-08-333-901-1	Sequence 1, Appl

247	29	45.3	881	1	US-08-456-582-1	Sequence 1, Appl	320	28	43.8	20	4	US-09-173-281-24	Sequence 24, Appl
248	29	45.3	881	2	US-08-898-789-1	Sequence 1, Appl	321	28	43.8	23	3	US-07-927-391-7	Sequence 7, Appl
249	29	45.3	881	3	US-09-039-5558-16	Sequence 16, Appl	322	28	43.8	23	3	US-09-028-937-8	Sequence 8, Appl
250	29	45.3	1024	3	US-08-931-820-2	Sequence 2, Appl	323	28	43.8	29	3	US-07-927-391-8	Sequence 9, Appl
251	29	45.3	1024	4	US-09-562-737-50	Sequence 50, Appl	324	28	43.8	33	3	US-07-927-391-9	Sequence 9, Appl
252	29	45.3	1087	1	US-08-664-002-5	Sequence 5, Appl	325	28	43.8	84	4	US-09-247-155-173	Sequence 173, App
253	29	45.3	1091	3	US-09-306-595C-7	Sequence 7, Appl	326	28	43.8	99	2	US-08-480-449-18	Sequence 18, Appl
254	29	45.3	1149	3	US-08-560-005-5	Sequence 5, Appl	327	28	43.8	99	2	US-08-660-542-18	Sequence 18, Appl
255	29	45.3	1149	4	US-09-418-540-5	Sequence 5, Appl	328	28	43.8	99	4	US-08-613-822-18	Sequence 18, Appl
256	29	45.3	1220	4	US-09-306-942-28	Sequence 28, Appl	329	28	43.8	99	4	US-08-479-603-18	Sequence 18, Appl
257	29	45.3	1226	4	US-09-206-942-26	Sequence 26, Appl	330	28	43.8	99	4	US-08-479-603-18	Sequence 18, Appl
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286	28.5	44.5	192	4	US-08-505-012-7	Sequence 7, Appl	359	28	43.8	375	2	US-08-102-385G-10	Sequence 10, Appl
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291	28.5	44.5	325	2	US-08-377-309-8	Sequence 8, Appl	364	28	43.8	451	4	US-09-134-001C-4461	Sequence 4461, Ap
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296	28.5	44.5	325	5	US-09-186-949A-11	Sequence 11, Appl	369	28	43.8	467	1	US-09-178-002-4	Sequence 4, Appl
297	28.5	44.5	389	2	US-08-377-309-6	Sequence 6, Appl	370	28	43.8	467	4	US-09-391-104-24	Sequence 24, Appl
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304	28.5	44.5	393	4	US-08-505-012-10	Sequence 10, Appl	377	28	43.8	520	4	US-09-030-995-3	Sequence 3, Appl
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## RESULT 1

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US-08-213-897A-1
: Sequence 1, Application US/08213897A
: Patent No. 5618790
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: GENERAL INFORMATION:
: APPLICANT:
: TITLE OF INVENTION: Protease Mediated Drug Delivery System
: NUMBER OF SEQUENCES: 18
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
:
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/213, 897A
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/593, 867
: FILING DATE: 05-OCT-1990
:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 07/833, 183
: FILING DATE: 10-FEB-1992
: INFORMATION FOR SEQ ID NO: 1:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 8 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: FEATURE:
: NAME/KEY: Modified-site
: LOCATION: 8
: OTHER INFORMATION: /product="OTHER"
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US-08-213-897A-1

## Query Match

Best Local Similarity 65.6%; Score 42; DB 1; Length 8;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 POGIAGOR 8

## RESULT 2

US-08-859-610A-2

; Sequence 2, Application US/08859610A  
; Patent No. 5958428

; GENERAL INFORMATION:

; APPLICANT: Bhatnagar, Rajendra S.

; TITLE OF INVENTION: SYNTHETIC COMPOUNDS AND COMPOSITIONS

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Majestic, Parsons, Siebert &amp; Hsue P.C.

; STREET: Four Embarcadero Center, Suite 1100

; CITY: San Francisco

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 94111-4106

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/859,610A

; FILING DATE: 20-MAY-1997

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/278,878

; FILING DATE: 22-JUL-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/804,782

; FILING DATE: 09-DEC-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/393,621

; FILING DATE: 14-AUG-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Siebert, J. Suzanne

; REGISTRATION NUMBER: 28,758

; REFERENCE/DOCKET NUMBER: 2500.066US4

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-248-5500

; TELEFAX: 415-362-5418

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 9 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; US-08-859-610A-2

QY 2 POGIAGOR 9

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Query Match 65.6%; Score 42; DB 2; Length 9;  
Best Local Similarity 100.0%; Pred. No. 1.9e+05;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9

Db 2 POGIAGOR 9

## RESULT 3

US-09-328-347A-2

; Sequence 2, Application US/09328347A

; Patent No. 6268348

; GENERAL INFORMATION:

; APPLICANT: Bhatnagar, Rajendra S.

; TITLE OF INVENTION: SYNTHETIC COMPOUNDS AND COMPOSITIONS

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Majestic, Parsons, Siebert &amp; Hsue P.C.

; STREET: Four Embarcadero Center, Suite 1100

; CITY: San Francisco

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 94111-4106

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: IBM PC compatible

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/328,347A

; FILING DATE: 08-JUN-1999

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/859,610

; FILING DATE: 20-MAY-1997

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/278,878

; FILING DATE: 22-JUL-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/804,782

; FILING DATE: 09-DEC-1991

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/393,621

; FILING DATE: 14-AUG-1989

; ATTORNEY/AGENT INFORMATION:

; NAME: Siebert, J. Suzanne

; REGISTRATION NUMBER: 28,758

; REFERENCE/DOCKET NUMBER: 2500.066US5

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-248-5500

; TELEFAX: 415-362-5418

; INFORMATION FOR SEQ ID NO: 2:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 9 amino acids

; TYPE: amino acid

; TOPOLOGY: linear

; MOLECULE TYPE: protein

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

; US-09-328-347A-2

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Db 2 POGIAGOR 9

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Best Local Similarity 100.0%; Pred. No. 1.9e+05;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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## RESULT 4

US-08-859-610A-1

; Sequence 1, Application US/08859610A  
; Patent No. 5958428

; GENERAL INFORMATION:

; APPLICANT: Bhatnagar, Rajendra S.

; TITLE OF INVENTION: SYNTHETIC COMPOUNDS AND COMPOSITIONS

; NUMBER OF SEQUENCES: 14

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Majestic, Parsons, Siebert &amp; Hsue P.C.

; STREET: Four Embarcadero Center, Suite 1100

CITY: San Francisco  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94111-4106  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/859,610A  
FILING DATE: 20-MAY-1997  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/278,878  
FILING DATE: 22-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/804,782  
FILING DATE: 09-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/393,621  
FILING DATE: 14-AUG-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Siebert, J. Suzanne  
REGISTRATION NUMBER: 28,758  
REFERENCE/DOCKET NUMBER: 2500.066US4  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-248-5500  
TELEFAX: 415-362-5418  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-08-859-610A-1

Query Match 65.6%; Score 42; DB:2; Length 15;  
Best Local Similarity 100.0%; Pred. No. 0.14;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9  
Db 5 POGIAGOR 12

RESULT 5  
US-09-328-347A-1  
Sequence 1, Application US/09328347A  
Patent No. 6268348  
GENERAL INFORMATION:  
APPLICANT: Bhatnagar, Rajendra S.  
TITLE OF INVENTION: SYNTHETIC COMPOUNDS AND COMPOSITIONS  
TITLE OF INVENTION: WITH ENHANCED CELL BINDING  
NUMBER OF SEQUENCES: 14  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Majestic, Parsons, Siebert & Hane P.C.  
STREET: Four Embarcadero Center, Suite 1100  
CITY: San Francisco  
STATE: California  
COUNTRY: U.S.A.  
ZIP: 94111-4106  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/328,347A  
FILING DATE: 08-JUN-1999  
CLASSIFICATION: 435

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/859,610  
FILING DATE: 20-MAY-1997  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/278,878  
FILING DATE: 22-JUL-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/804,782  
FILING DATE: 09-DEC-1991  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/393,621  
FILING DATE: 14-AUG-1989  
ATTORNEY/AGENT INFORMATION:  
NAME: Siebert, J. Suzanne  
REGISTRATION NUMBER: 28,758  
REFERENCE/DOCKET NUMBER: 2500.066US5  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 415-248-5500  
TELEFAX: 415-362-5418  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 15 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
US-09-328-347A-1

Query Match 65.6%; Score 42; DB:4; Length 15;  
Best Local Similarity 100.0%; Pred. No. 0.14;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9  
Db 5 POGIAGOR 12

RESULT 6  
US-09-010-999-9  
Sequence 9, Application US/09010999  
Patent No. 6132976  
GENERAL INFORMATION:  
APPLICANT: Poole, Anthony R.  
APPLICANT: Hollander, Anthony P.  
TITLE OF INVENTION: IMMUNOASSAYS FOR THE MEASUREMENT OF  
TITLE OF INVENTION: COLLAGEN DENATURATION AND CLEAVAGE IN CARTILAGE  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/010,999  
FILING DATE: 22-JAN-1998  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/448,501  
FILING DATE: 17-JUL-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/984,123  
FILING DATE: 04-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Bent, Stephen A.

REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 032931/0212  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 9:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 19 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-09-010-999-9

Query Match 65.6%: Score 42; DB 4; Length 19;  
Best Local Similarity 100.0%; Pred. No. 0.18;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2 POGIAGOR 9  
|||||||  
DB 8 POGIAGOR 15

RESULT 7  
US-09-219-849-49  
Sequence 49, Application US/09219849  
Patent No. 6150081  
GENERAL INFORMATION:  
APPLICANT: VAN HEERDE, GEORGE V.  
APPLICANT: VAN RIJN, ALEXIS C.  
APPLICANT: BOUNSTRA, JAN B.  
APPLICANT: DE WOLF, FREDERIK A.  
APPLICANT: MOORBROEK, ANDREAS  
APPLICANT: WERTEN, MARC W.T.  
APPLICANT: WIND, RICHEL D.  
APPLICANT: VAN DEN BOSCH, TANJA J.  
TITLE OF INVENTION: SILVER HALIDE EMULSIONS WITH RECOMBINANT COLLAGEN  
TITLE OF INVENTION: SUITABLE FOR PHOTOGRAPHIC APPLICATION AND ALSO THE  
FILE REFERENCE: 2728-2  
CURRENT APPLICATION NUMBER: US/09/219,849  
CURRENT FILING DATE: 1998-12-23  
NUMBER OF SEQ ID NOS: 50  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 49  
LENGTH: 822  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: Synthetic  
US-09-219-849-49

Query Match 65.6%: Score 42; DB 4; Length 822;  
Best Local Similarity 100.0%; Pred. No. 9;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2 POGIAGOR 9  
|||||||  
DB 772 POGIAGOR 779

RESULT 8  
US-08-931-820-1  
Sequence 1, Application US/08931820  
Patent No. 6010863  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: Assay for collagen degradation  
NUMBER OF SEQUENCES: 4  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk

COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/931,820  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: EP 96202596.1  
FILING DATE:  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1057 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
HYPOTHETICAL: NO  
ANTI-SENSE: NO  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
TISSUE TYPE: Collagen type I  
US-08-931-820-1

Query Match 65.6%: Score 42; DB 3; Length 1057;  
Best Local Similarity 100.0%; Pred. No. 12;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2 POGIAGOR 9  
|||||||  
DB 790 POGIAGOR 797

RESULT 9  
US-08-963-825-18  
Sequence 18, Application US/08963825  
Patent No. 6110689  
GENERAL INFORMATION:  
APPLICANT: Oviest, Per  
APPLICANT: Bonde, Martin  
TITLE OF INVENTION: A Method for Assaying Collagen Fragments Carrying Out the  
TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for Diagnosing the Presence of  
TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of  
TITLE OF INVENTION: Disorders Associated with the Metabolism of  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Darby & Darby PC  
STREET: 805 Third Avenue  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/963,825  
FILING DATE:  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/187,319  
FILING DATE: 21-JAN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gogoris, Adda C  
REGISTRATION NUMBER: 29,714  
REFERENCE/DOCKET NUMBER: 4305/08701  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-527-7700  
TELEFAX: 212-753-6237  
TELEX: 236687  
INFORMATION FOR SEQ ID NO: 18:

```
SEQUENCE CHARACTERISTICS:
LENGTH: 1341 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: COLLAGEN ALPHA 1 (I)
US-08-963-825-18

Query Match      65.6%; Score 42; DB 3; Length 1341;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9
Db 827 POGIAGOR 834

RESULT 10
US-09-500-811-18
Sequence 18, Application US/09500811
Patent No. 6323314
GENERAL INFORMATION:
APPLICANT: Ovisl, Per
TITLE OF INVENTION: A Method for Assaying Collagen Fragments
TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for Carrying Out the
TITLE OF INVENTION: Method and use of the Method to Diagnose the Presence of
NUMBER OF INVENTIONS: Disorders Associated with the Metabolism of
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/500,811
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/187,319
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Gogoris, Adda C
REGISTRATION NUMBER: 29,714
REFERENCE/DOCKET NUMBER: 4305/08701
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-527-7700
TELEFAX: 212-753-6237
TELEX: 236687
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 1341 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: COLLAGEN ALPHA 1 (I)
US-09-500-811-18

Query Match      65.6%; Score 42; DB 4; Length 1341;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9
Db 827 POGIAGOR 834

SEQUENCE CHARACTERISTICS:
LENGTH: 1341 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: COLLAGEN ALPHA 1 (I)
US-09-570-573-18

Query Match      65.6%; Score 42; DB 3; Length 1341;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9
Db 827 POGIAGOR 834

RESULT 11
US-09-570-573-18
Sequence 18, Application US/09570573
Patent No. 6342361
GENERAL INFORMATION:
APPLICANT: Ovisl, Per
TITLE OF INVENTION: A Method for Assaying Collagen Fragments
TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for Carrying Out the
TITLE OF INVENTION: Method and use of the Method to Diagnose the Presence of
NUMBER OF INVENTIONS: Disorders Associated with the Metabolism of
NUMBER OF SEQUENCES: 21
CORRESPONDENCE ADDRESS:
ADDRESSEE: Darby & Darby PC
STREET: 805 Third Avenue
CITY: New York
STATE: New York
COUNTRY: USA
ZIP: 10022
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/570,573
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/187,319
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Gogoris, Adda C
REGISTRATION NUMBER: 29,714
REFERENCE/DOCKET NUMBER: 4305/08701
TELECOMMUNICATION INFORMATION:
TELEPHONE: 212-527-7700
TELEFAX: 212-753-6237
TELEX: 236687
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 1341 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
IMMEDIATE SOURCE:
CLONE: COLLAGEN ALPHA 1 (I)
US-09-570-573-18

Query Match      65.6%; Score 42; DB 4; Length 1341;
Best Local Similarity 100.0%; Pred. No. 15;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9
Db 827 POGIAGOR 834

RESULT 12
US-09-548-608-18
Sequence 18, Application US/09548608
Patent No. 6355442
GENERAL INFORMATION:
APPLICANT: Ovisl, Per
```



APPLICANT: Bonde, Martin  
TITLE OF INVENTION: A Method for Assaying Collagen Fragments  
TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for Carrying Out the  
TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of  
TITLE OF INVENTION: Disorders Associated with the Metabolism of  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Darby & Darby PC  
STREET: 805 Third Avenue  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/548,608  
FILING DATE:  
CLASSIFICATION:  
PRIORITY APPLICATION DATA:  
APPLICATION NUMBER: 08/187,319  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gogolis, Adda C  
REGISTRATION NUMBER: 29,714  
REFERENCE/DOCKET NUMBER: 4305/08701  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-527-7700  
TELEFAX: 212-753-6237  
TELEX: 236687  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1341 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: COLLAGEN ALPHA 1 (I)  
US-09-548-608-18  
Query Match 65.6%; Score 42; DB 4; Length 1341;  
Best Local Similarity 100.0%; Pred. No. 15;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 POGIAGOR 9  
DB 827 POGIAGOR 834  
RESULT 13  
US-09-585-887-9  
Sequence 9, Application US/09585887  
Patent No. 6413742  
GENERAL INFORMATION:  
APPLICANT: Olsen, David R  
APPLICANT: Chang, Robert  
APPLICANT: McMullin, Hugh  
APPLICANT: Hitzeman, Ronald A.  
APPLICANT: Chisholm, George  
TITLE OF INVENTION: NOVEL METHODS FOR THE PRODUCTION OF GELATIN AND  
TITLE OF INVENTION: FULL-LENGTH TRIPLE HELICAL COLLAGEN IN RECOMBINANT  
TITLE OF INVENTION: CELLS  
FILE REFERENCE: 225002030400  
CURRENT APPLICATION NUMBER: US/09/585,887  
CURRENT FILING DATE: 2000-05-31  
PRIOR APPLICATION NUMBER: 09/289,578  
PRIOR FILING DATE: 1999-04-09  
PRIOR APPLICATION NUMBER: 60/084,828

PRIOR FILING DATE: 1998-05-08  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 9  
LENGTH: 1461  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-585-887-9  
Query Match 65.6%; Score 42; DB 4; Length 1461;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 POGIAGOR 9  
DB 948 POGIAGOR 955  
RESULT 14  
US-09-289-578-9  
Sequence 9, Application US/09289578  
Patent No. 6428978  
GENERAL INFORMATION:  
APPLICANT: Olsen, David R  
APPLICANT: Chang, Robert  
APPLICANT: McMullin, Hugh  
APPLICANT: Hitzeman, Ronald A.  
APPLICANT: Chisholm, George  
TITLE OF INVENTION: NOVEL METHODS FOR THE PRODUCTION OF GELATIN AND  
TITLE OF INVENTION: FULL-LENGTH TRIPLE HELICAL COLLAGEN IN RECOMBINANT  
TITLE OF INVENTION: CELLS  
FILE REFERENCE: 225002030400  
CURRENT APPLICATION NUMBER: US/09/289,578  
CURRENT FILING DATE: 1999-04-10  
PRIOR APPLICATION NUMBER: 60/084,828  
PRIOR FILING DATE: 1998-05-08  
NUMBER OF SEQ ID NOS: 11  
SOFTWARE: Patentin Ver. 2.0  
SEQ ID NO 9  
LENGTH: 1461  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-289-578-9  
Query Match 65.6%; Score 42; DB 4; Length 1461;  
Best Local Similarity 100.0%; Pred. No. 16;  
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 2 POGIAGOR 9  
DB 948 POGIAGOR 955  
RESULT 15  
US-08-213-897A-2  
Sequence 2, Application US/08213897A  
Patent No. 5618790  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: Protease Mediated Drug Delivery System  
NUMBER OF SEQUENCES: 18  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/213,897A  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/593,867  
FILING DATE: 05-OCT-1990  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/833,183

;; FILING DATE: 10-FEB-1992  
;; INFORMATION FOR SEQ ID NO: 2:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 8 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: peptide  
;; FEATURE:  
;; NAME/KEY: Modified-site  
;; LOCATION: 8  
;; OTHER INFORMATION: /product= "OTHER"  
;; US-08-213-897A-2

Query Match 62.5%; Score 40; DB 1; Length 8;  
Best Local Similarity 87.5%; Pred. No. 1.9e+05;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 2 PGIAGOR 9  
DB 1 PGIAGOR 8

RESULT 16  
US-09-010-999-8  
; Sequence 8, Application US/09010999  
; Patent No. 6132976  
; GENERAL INFORMATION:  
; APPLICANT: Poole, Anthony R.  
; APPLICANT: Billingham, R. C.  
; TITLE OF INVENTION: IMMUNOCASSAYS FOR THE MEASUREMENT OF  
; NUMBER OF SEQUENCES: 16  
; CORRESPONDENCE ADDRESS:  
; ADDRESS: Foley & Lardner  
; STREET: 3000 K Street, N.W., Suite 500  
; CITY: Washington  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20007-5109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/010,999  
; FILING DATE: 22-JAN-1998  
; CLASSIFICATION: 4335  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/448,501  
; FILING DATE: 17-JUL-1995  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/984,123  
; FILING DATE: 04-DEC-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Bent, Stephen A.  
; REGISTRATION NUMBER: 29,768  
; REFERENCE/DOCKET NUMBER: 032931/0212  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (202)672-5300  
; TELEFAX: (202)672-5399  
; TELEX: 904136  
; INFORMATION FOR SEQ ID NO: 8:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 19 amino acids  
; TYPE: amino acid  
; STRANDEDNESS:  
; TOPOLOGY: linear  
; MOLECULE TYPE: peptide  
; FEATURE:

;; NAME/KEY: Modified-site  
;; LOCATION: 6  
;; OTHER INFORMATION: /product= "Pro(OH)"  
;; US-09-010-999-8

Query Match 62.5%; Score 40; DB 4; Length 19;  
Best Local Similarity 87.5%; Pred. No. 0.42;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 2 PGIAGOR 9  
DB 8 PGIAGOR 15

RESULT 17  
US-08-931-820-3  
; Sequence 3, Application US/08931820  
; Patent No. 6010863  
; GENERAL INFORMATION:  
; APPLICANT:  
; TITLE OF INVENTION: Assay for collagen degradation  
; NUMBER OF SEQUENCES: 4  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25 (Epo)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/931,820  
; FILING DATE:  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: EP 96202596.1  
; FILING DATE:  
; INFORMATION FOR SEQ ID NO: 3:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 1060 amino acids  
; TYPE: amino acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHEICAL: NO  
; ORIGINAL SOURCE:  
; ORGANISM: Homo sapiens  
; TISSUE TYPE: Collagen type II  
; US-08-931-820-3

Query Match 62.5%; Score 40; DB 3; Length 1060;  
Best Local Similarity 87.5%; Pred. No. 27;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 2 PGIAGOR 9  
DB 792 PGIAGOR 799

RESULT 18  
US-08-963-825-20  
; Sequence 20, Application US/08963825  
; Patent No. 6110689  
; GENERAL INFORMATION:  
; APPLICANT: Oviatt, Per  
; APPLICANT: Bonde, Martin  
; TITLE OF INVENTION: A Method for Assaying Collagen Fragments Carrying Out the  
; TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for  
; TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of  
; TITLE OF INVENTION: Disorders Associated with the Metabolism of  
; NUMBER OF SEQUENCES: 21  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Darby & Darby PC  
; STREET: 805 Third Avenue  
; CITY: New York  
; STATE: New York

COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/963,825  
FILING DATE:  
CLASSIFICATION: 436  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US/08/187,319  
FILING DATE: 21-JAN-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Gogoris, Adda C  
REGISTRATION NUMBER: 29,714  
REFERENCE/DOCKET NUMBER: 4305/08701  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-527-7700  
TELEFAX: 212-753-6237  
TELEX: 236687  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1418 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: COLLAGEN -ALPHA 1 (II)  
US-08-963-825-20

Query Match 62.5%; Score 40; DB 3; Length 1418;  
Best Local Similarity 87.5%; Pred. No. 37;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9  
Db 904 POGIAGOR 911  
|||||

RESULT 19  
US-09-010-999-1  
Sequence 1, Application US/09010999  
Patent No. 6132976  
GENERAL INFORMATION:  
APPLICANT: Poole, Anthony R.  
APPLICANT: Hollander, Anthony P.  
TITLE OF INVENTION: IMMUNOSSAYS FOR THE MEASUREMENT OF  
TITLE OF INVENTION: COLLAGEN DENATURATION AND CLEAVAGE IN CARTILAGE  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Foley & Lardner  
STREET: 3000 K Street, N.W., Suite 500  
CITY: Washington  
STATE: D.C.  
COUNTRY: USA  
ZIP: 20007-5109  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/010,999  
FILING DATE: 22-JAN-1998  
CLASSIFICATION: 4335  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/448,501  
FILING DATE: 17-JUL-1995

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/984,123  
FILING DATE: 04-DEC-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Bent, Stephen A.  
REGISTRATION NUMBER: 29,768  
REFERENCE/DOCKET NUMBER: 032931/0212  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202)672-5300  
TELEFAX: (202)672-5399  
TELEX: 904136  
INFORMATION FOR SEQ ID NO: 1:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1418 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Human Type II Collagen  
US-09-010-999-1

Query Match 62.5%; Score 40; DB 4; Length 1418;  
Best Local Similarity 87.5%; Pred. No. 37;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9  
Db 904 POGIAGOR 911  
|||||

RESULT 20  
US-09-500-811-20  
Sequence 20, Application US/09500811  
Patent No. 6323314  
GENERAL INFORMATION:  
APPLICANT: Qvist, Per  
APPLICANT: Bonde, Martin  
TITLE OF INVENTION: A Method for Assaying Collagen Fragments  
TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for Carrying Out the  
TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of  
TITLE OF INVENTION: Disorders Associated with the Metabolism of  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Darby & Darby PC  
STREET: 805 Third Avenue  
CITY: New York  
STATE: New York  
COUNTRY: USA  
ZIP: 10022  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/500,811  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/187,319  
FILING DATE:  
ATTORNEY/AGENT INFORMATION:  
NAME: Gogoris, Adda C  
REGISTRATION NUMBER: 29,714  
REFERENCE/DOCKET NUMBER: 4305/08701  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 212-527-7700  
TELEFAX: 212-753-6237  
TELEX: 236687  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1418 amino acids

TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
ORIGINAL SOURCE:  
ORGANISM: Homo sapiens  
IMMEDIATE SOURCE:  
CLONE: COLLAGEN -ALPHA 1 (II)  
US-09-500-811-20

Query Match 62.5%; Score 40; DB 4; Length 1418;  
Best Local Similarity 87.5%; Pred. No. 37;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 2 PGIAGOR 9  
111:1111  
Db 904 PGIAGOR 911

## RESULT 21

US-09-570-573-20  
Sequence 20, Application US/09570573  
Patent No. 6342361

## GENERAL INFORMATION:

APPLICANT: Ovist, Per  
TITLE OF INVENTION: A Method for Assaying Collagen Fragments  
TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for Carrying Out the  
TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:

ADDRESSEE: Darby & Darby PC

STREET: 805 Third Avenue

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10022

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/570,573

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/187,319

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Gogoris, Adda C

REGISTRATION NUMBER: 29,714

REFERENCE/DOCKET NUMBER: 4305/08701

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-527-7700

TELEFAX: 212-753-6237

TELEX: 236687

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 1418 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

IMMEDIATE SOURCE:

CLONE: COLLAGEN -ALPHA 1 (II)

US-09-570-573-20

Query Match 62.5%; Score 40; DB 4; Length 1418;  
Best Local Similarity 87.5%; Pred. No. 37;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 2 PGIAGOR 9  
111:1111  
Db 904 PGIAGOR 911

## RESULT 22

US-09-548-608-20  
Sequence 20, Application US/09548608  
Patent No. 6355442

## GENERAL INFORMATION:

APPLICANT: Ovist, Per

TITLE OF INVENTION: A Method for Assaying Collagen Fragments

TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for Carrying Out the

TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of

NUMBER OF SEQUENCES: 21

CORRESPONDENCE ADDRESS:

ADDRESSEE: Darby & Darby PC

STREET: 805 Third Avenue

CITY: New York

STATE: New York

COUNTRY: USA

ZIP: 10022

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/548,608

FILING DATE:

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/187,319

FILING DATE:

ATTORNEY/AGENT INFORMATION:

NAME: Gogoris, Adda C

REGISTRATION NUMBER: 29,714

REFERENCE/DOCKET NUMBER: 4305/08701

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-527-7700

TELEFAX: 212-753-6237

TELEX: 236687

INFORMATION FOR SEQ ID NO: 20:

SEQUENCE CHARACTERISTICS:

LENGTH: 1418 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

ORIGINAL SOURCE:

ORGANISM: Homo sapiens

IMMEDIATE SOURCE:

CLONE: COLLAGEN -ALPHA 1 (II)

US-09-548-608-20

Query Match 62.5%; Score 40; DB 4; Length 1418;  
Best Local Similarity 87.5%; Pred. No. 37;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

OY 2 PGIAGOR 9  
111:1111  
Db 904 PGIAGOR 911

## RESULT 23

US-08-316-650-12  
Sequence 12, Application US/08316650  
Patent No. 5942496

## GENERAL INFORMATION:

APPLICANT: Bonadio, Jeffrey

APPLICANT: Bonessier, Blake J.

APPLICANT: Goldstein, Steven A.

APPLICANT: Lin, Wushan  
TITLE OF INVENTION: METHODS AND COMPOSITIONS  
TITLE OF INVENTION: FOR STIMULATING BONE CELLS  
NUMBER OF SEQUENCES: 15  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: USA  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/316,650  
FILING DATE: 30-SEP-1994  
CLASSIFICATION: 514  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/199,780  
FILING DATE: 30-SEP-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, David L.  
REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: UMIC:008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (713) 789-2679  
TELEX: 79-0924  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1442 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-316-650-12

Query Match 62.5%; Score 40; DB 2; Length 1442;  
Best Local Similarity 87.5%; Pred No. 38;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9  
Db 928 POGIAGOR 935

RESULT 24  
PCT-US95-02251-12  
Sequence 12, Application PC/TUS9502251  
GENERAL INFORMATION:  
APPLICANT:  
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR STIMULATING BONE  
TITLE OF INVENTION: CELLS  
NUMBER OF SEQUENCES: 18  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Arnold, White & Durkee  
STREET: P.O. Box 4433  
CITY: Houston  
STATE: Texas  
COUNTRY: United States of America  
ZIP: 77210  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS/ASCII  
SOFTWARE: Patent Release #1.0, Version  
SOFTWARE: #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/02251  
FILING DATE: CONCURRENTLY HEREWITH

CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/316,650  
FILING DATE: 30-SEP-1994  
CLASSIFICATION:  
APPLICATION NUMBER: US 08/199,780  
FILING DATE: 18-FEB-1994  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Parker, David L.  
REGISTRATION NUMBER: 32,165  
REFERENCE/DOCKET NUMBER: UMIC009P--  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (512) 418-3000  
TELEFAX: (713) 789-2679  
TELEX: 79-0924  
INFORMATION FOR SEQ ID NO: 12:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1442 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
PCT-US95-02251-12

Query Match 62.5%; Score 40; DB 5; Length 1442;  
Best Local Similarity 87.5%; Pred No. 38;  
Matches 7; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 2 POGIAGOR 9  
Db 928 POGIAGOR 935

RESULT 25  
US-09-234-827B-4  
Sequence 4, Application US/09234827B  
Patent No. 6448471  
GENERAL INFORMATION:  
APPLICANT: Puzio, Piotr S.  
TITLE OF INVENTION: Grindler, Florian M.W.  
TITLE OF INVENTION: Nematode feeding structure specific gene and its  
FILE REFERENCE: U-012084-2  
CURRENT APPLICATION NUMBER: US/09/234,827B  
PRIOR FILING DATE: 1999-01-21  
PRIOR APPLICATION NUMBER: US 60/072,142  
NUMBER OF SEQ ID NOS: 32  
SOFTWARE: Patent Ver. 2.1  
SEQ ID NO 4  
LENGTH: 595  
TYPE: PRT  
ORGANISM: Arabidopsis thaliana  
US-09-234-827B-4

Query Match 59.4%; Score 38; DB 4; Length 595;  
Best Local Similarity 60.0%; Pred No. 35;  
Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 POGIAGORNF 11  
Db 508 POGISGSKSF 517

RESULT 26  
US-09-513-057C-2  
Sequence 2, Application US/09513057C  
Patent No. 6433251  
GENERAL INFORMATION:  
APPLICANT: Wagner, et al.  
TITLE OF INVENTION: GENES REGULATING CIRCADIAN CLOCK FUNCTION AND PHOTOPERIODISM  
FILE REFERENCE: 1505-54357

```

; CURRENT APPLICATION NUMBER: US/09/513,057C
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 2
; LENGTH: 695
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; US-09-513-057C-2

```

```

Query Match
Best Local Similarity 59.4%; Score 38; DB 4; Length 695;
Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2 POGIAGORNF 11
|||||:|:|
Db 608 POGISGSKSF 617

```

```

RESULT 27
US-09-513-057C-35
; Sequence 35, Application US/09513057C
; Patent No. 6433251
; GENERAL INFORMATION:
; APPLICANT: Wagner, et al.
; TITLE OF INVENTION: GENES REGULATING CIRCADIAN CLOCK FUNCTION AND PHOTOPERIODISM
; FILE REFERENCE: 1505-54357
; CURRENT APPLICATION NUMBER: US/09/513,057C
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: Patentln version 3.1
; SEQ ID NO 35
; LENGTH: 695
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; US-09-513-057C-35

```

```

Query Match
Best Local Similarity 59.4%; Score 38; DB 4; Length 695;
Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2 POGIAGORNF 11
|||||:|:|
Db 608 POGISGSKSF 617

```

```

RESULT 28
US-09-234-827B-2
; Sequence 2, Application US/09234827B
; Patent No. 6448471
; GENERAL INFORMATION:
; APPLICANT: Puzio, Piotr S.
; TITLE OF INVENTION: Nematode feeding structure specific gene and its
; FILE REFERENCE: U-012084-2
; CURRENT APPLICATION NUMBER: US/09/234,827B
; CURRENT FILING DATE: 1999-01-21
; PRIOR APPLICATION NUMBER: US 60/072,142
; PRIOR FILING DATE: 1998-01-22
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentln Ver. 2.1
; SEQ ID NO 2
; LENGTH: 695
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
; US-09-234-827B-2

```

```

Query Match
Best Local Similarity 59.4%; Score 38; DB 4; Length 695;
Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 2 POGIAGORNF 11

```

```

Db 608 POGISGSKSF 617
|||||:|:|

```

```

RESULT 29
US-09-561-500-25
; Sequence 25, Application US/09561500
; Patent No. 6342219
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; TITLE OF INVENTION: ANTIBODY COMPOSITIONS FOR SELECTIVELY INHIBITING VEGF
; FILE REFERENCE: 4001.002500
; CURRENT APPLICATION NUMBER: US/09/561,500
; CURRENT FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131,432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 25
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; US-09-561-500-25

```

```

Query Match
Best Local Similarity 57.8%; Score 37; DB 4; Length 8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2 POGIAGQ 8
|||||
Db 2 POGIAGQ 8

```

```

RESULT 30
US-09-561-108-25
; Sequence 25, Application US/09561108
; Patent No. 6342221
; GENERAL INFORMATION:
; APPLICANT: Philip E. Thorpe
; TITLE OF INVENTION: ANTIBODY CONJUGATE COMPOSITIONS FOR SELECTIVELY INHIBITING VE
; FILE REFERENCE: 4001.002584
; CURRENT APPLICATION NUMBER: US/09/561,108
; CURRENT FILING DATE: 2000-04-28
; PRIOR APPLICATION NUMBER: 60/131,432
; PRIOR FILING DATE: 1999-04-28
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: Patentln Ver. 2.0
; SEQ ID NO 25
; LENGTH: 8
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; US-09-561-108-25

```

```

Query Match
Best Local Similarity 57.8%; Score 37; DB 4; Length 8;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 2 POGIAGQ 8
|||||
Db 2 POGIAGQ 8

```

```

RESULT 31
US-09-561-526-25
; Sequence 25, Application US/09561526

```

Patent No. 6416758  
GENERAL INFORMATION:  
APPLICANT: Philip E. Thorpe  
APPLICANT: Rolf A. Brecken  
TITLE OF INVENTION: ANTIBODY CONJUGATE KITS FOR SELECTIVELY INHIBITING VEGF  
FILE REFERENCE: 4001.002586  
CURRENT APPLICATION NUMBER: US/09/561,526  
CURRENT FILING DATE: 2000-04-28  
PRIORITY APPLICATION NUMBER: 60/131,432  
PRIORITY FILING DATE: 1999-04-28  
NUMBER OF SEQ ID NOS: 44  
SOFTWARE: Patent In Ver. 2.0  
SEQ ID NO 25  
LENGTH: 8  
TYPE: PRT  
ORGANISM: Artificial Sequence  
FEATURE:  
OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC  
US-09-561-526-25

Query Match 57.8% Score 37; DB 4; Length 8;  
Best Local Similarity 100.0%; Pred. No. 1.9e+05;  
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 2 POGIAGO 8  
DB 2 POGIAGO 8

RESULT 32  
US-08-330-599-16  
Sequence 16, Application US/08330599  
Patent No. 5731409  
GENERAL INFORMATION:  
APPLICANT: Furcht, Leo T.  
APPLICANT: McCarthy, James B.  
TITLE OF INVENTION: Polypeptides with Type I Collagen  
NUMBER OF SEQUENCES: 21  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merchant & Gould  
STREET: 3100 NO. 5731409 West Center  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/330,599  
FILING DATE: 28-OCT-1994  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Carter, Charles G.  
REGISTRATION NUMBER: 35,053  
REFERENCE/DOCKET NUMBER: 600.265US01  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612-332-5300  
TELEFAX: 612-332-9081  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 12 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-330-599-16

Query Match 57.8% Score 37; DB 1; Length 12;

Best Local Similarity 87.5%; Pred. No. 0.91;  
Matches 7; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 2 POGIAGOR 9  
DB 5 POGIAGOR 12

RESULT 33  
US-08-764-870-16  
Sequence 16, Application US/08764870  
Patent No. 6236946  
GENERAL INFORMATION:  
APPLICANT: Scanlan, Thomas S  
APPLICANT: Baxter, John D  
APPLICANT: Fletchick, Robert J  
APPLICANT: Wagner, Richard L  
APPLICANT: Kushner, Peter J  
APPLICANT: Apriletti, James W  
TITLE OF INVENTION: Nuclear Receptor Ligands and Ligand  
TITLE OF INVENTION: Binding Domains  
NUMBER OF SEQUENCES: 16  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Cooley Godward  
STREET: Five Palo Alto Square, 3000 El Camino Real  
CITY: Palo Alto  
STATE: CA  
COUNTRY: USA  
ZIP: 94306  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/764,870  
FILING DATE: 13-DEC-1996  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/008,540  
FILING DATE: 13-DEC-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/008,543  
FILING DATE: 13-DEC-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 60/008,606  
FILING DATE: 14-DEC-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Nakamura, Jackie N  
REGISTRATION NUMBER: 35,966  
REFERENCE/DOCKET NUMBER: UCAL-246/01US  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (650)843-5000  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 452 amino acids  
TYPE: amino acid  
STRANDEDNESS:  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-764-870-16

Query Match 56.2% Score 36; DB 4; Length 452;  
Best Local Similarity 66.7%; Pred. No. 60;  
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

OY 2 POGIAGORN 10  
DB 19 POGIAGORN 27

RESULT 34

US-08-980-115-16  
; Sequence 16, Application US/08980115  
; Patent No. 6266622  
; GENERAL INFORMATION:  
; APPLICANT: Scanlan, Thomas S.  
; APPLICANT: Baxter, John D.  
; APPLICANT: Fletcher, Robert J.  
; APPLICANT: Wagner, Richard L.  
; APPLICANT: Kushner, Peter J.  
; APPLICANT: Applel, James W.  
; APPLICANT: West, Brian L.  
; APPLICANT: Shiao, Andrew K.  
; TITLE OF INVENTION: NUCLEAR RECEPTOR LIGANDS AND LIGAND BINDING DOMAINS  
; FILE REFERENCE: UCAL-246/02US  
; CURRENT APPLICATION NUMBER: US/08/980,115  
; CURRENT FILING DATE: 1997-11-26  
; EARLIER APPLICATION NUMBER: 08/764,870  
; EARLIER FILING DATE: 1996-12-13  
; EARLIER APPLICATION NUMBER: 60/008,606  
; EARLIER FILING DATE: 1995-12-14  
; EARLIER APPLICATION NUMBER: 60/008,543  
; EARLIER FILING DATE: 1995-12-13  
; EARLIER APPLICATION NUMBER: 60/008,540  
; EARLIER FILING DATE: 1995-12-13  
; NUMBER OF SEQ ID NOS: 17  
; SOFTWARE: PatentIn Ver. 2.0  
; SEQ ID NO 16  
; LENGTH: 452  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
; FEATURE:  
; NAME/KEY: DOMAIN  
; LOCATION: (184)..(437)  
; OTHER INFORMATION: minimal ligand binding domain  
US-08-980-115-16  
  
Query Match 56.2%; Score 36; DB 4; Length 452;  
Best Local Similarity 66.7%; Pred. No. 60;  
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
  
Qy 2 POGIAGORN 10  
Db 19 POGIAGORN 27  
  
RESULT 35  
US-09-041-886-11  
; Sequence 11, Application US/09041886  
; Patent No. 6235872  
; GENERAL INFORMATION:  
; APPLICANT: Bredesen, Dale E.  
; APPLICANT: Rabinzadeh, Shiroz  
; TITLE OF INVENTION: Proapoptotic Peptides, Dependence  
; TITLE OF INVENTION: Polypeptides and Methods of Use  
; NUMBER OF SEQUENCES: 72  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Campbell & Flores LLP  
; STREET: 4370 La Jolla Village Drive, Suite 700  
; CITY: San Diego  
; STATE: California  
; COUNTRY: United States  
; ZIP: 92122  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/041,886  
; FILING DATE:  
; CLASSIFICATION:  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Campbell, Cathryn A.

REGISTRATION NUMBER: 31,815  
; REFERENCE/DOCKET NUMBER: P-LJ 2626  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (619) 535-9001  
; TELEFAX: (619) 535-8949  
; INFORMATION FOR SEQ ID NO: 11:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 918 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-09-041-886-11  
  
Query Match 56.2%; Score 36; DB 4; Length 918;  
Best Local Similarity 66.7%; Pred. No. 1.3e+02;  
Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;  
  
Qy 2 POGIAGORN 10  
Db 485 POGIAGORN 493  
  
RESULT 36  
US-08-859-610A-4  
; Sequence 4, Application US/08859610A  
; Patent No. 5958428  
; GENERAL INFORMATION:  
; APPLICANT: Bhattacharya, Rajendra S.  
; TITLE OF INVENTION: SYNTHETIC COMPOUNDS AND COMPOSITIONS  
; TITLE OF INVENTION: WITH ENHANCED CELL BINDING  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Majestic, Parsons, Siebert & Hsue P.C.  
; STREET: Four Embarcadero Center, Suite 1100  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 94111-4106  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: PatentIn Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/859,610A  
; FILING DATE: 20-MAY-1997  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/278,878  
; FILING DATE: 22-JUL-1994  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/804,782  
; FILING DATE: 09-DEC-1991  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/393,621  
; FILING DATE: 14-AUG-1989  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Siebert, J. Suzanne  
; REGISTRATION NUMBER: 28,758  
; REFERENCE/DOCKET NUMBER: 2500,066054  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: 415-248-5500  
; TELEFAX: 415-362-5418  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 7 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHETICAL: NO  
; ANTI-SENSE: NO  
US-08-859-610A-4



Query Match 54.7%; Score 35; DB 2; Length 7;  
Best Local Similarity 100.0%; Pred. No. 1.9e+05;  
Matches 7; Conservative 0; Mismatches 0; Indels 0;

OY 3 OGIAGOR 9  
Db 1 OGIAGOR 7

## RESULT 37

US-09-328-347A-4  
; Sequence 4, Application US/09328347A  
; Patent No. 6268348  
; GENERAL INFORMATION:  
; APPLICANT: Bhatnagar, Rajendra S.  
; TITLE OF INVENTION: SYNTHETIC COMPOUNDS AND COMPOSITIONS  
; NUMBER OF SEQUENCES: 14  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Majestic, Parsons, Siebert & Hsue P.C.  
; STREET: Four Embarcadero Center, Suite 1100  
; CITY: San Francisco  
; STATE: California  
; COUNTRY: U.S.A.  
; ZIP: 94111-4106  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/09/328,347A  
; FILING DATE: 08-JUN-1999  
; CLASSIFICATION: 435  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 822 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; HYPOTHEICAL: NO  
; ANTI-SENSE: NO  
; US-09-328-347A-4

Query Match 54.7%; Score 35; DB 4; Length 7;  
Best Local Similarity 100.0%; Pred. No. 1.9e+05;  
Matches 7; Conservative 0; Mismatches 0; Indels 0;

OY 3 OGIAGOR 9  
Db 1 OGIAGOR 7

## RESULT 38

US-08-941-445A-17  
; Sequence 17, Application US/08941445A  
; Patent No. 6107060  
; GENERAL INFORMATION:  
; APPLICANT: Keeling, Peter  
; APPLICANT: Guan, Hanping  
; TITLE OF INVENTION: Starch Encapsulation  
; NUMBER OF SEQUENCES: 37  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.  
; STREET: 5370 Manhattan Circle  
; CITY: Boulder  
; STATE: CO  
; COUNTRY: US  
; ZIP: 80303  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/941,445A  
; FILING DATE: 30-SEP-1997  
; CLASSIFICATION: 800  
; INFORMATION FOR SEQ ID NO: 1:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 822 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
; US-08-941-445A-17

Query Match 54.7%; Score 35; DB 3; Length 822;  
Best Local Similarity 50.0%; Pred. No. 1.7e+02;  
Matches 7; Conservative 3; Mismatches 2; Indels 2; Gaps 1;

OY 1 SPQIAG--QNNEN 12  
Db 729 SPEGVGVETNEN 742

RESULT 39  
US-09-366-887A-18  
; Sequence 18, Application US/09366887A  
; Patent No. 6403782  
; GENERAL INFORMATION:  
; APPLICANT: LUSTER, ANDREW D.  
; APPLICANT: LEDER, PHILIP  
; APPLICANT: ROTHENBERG, MARC  
; APPLICANT: GARCIA, EDUARDO  
; TITLE OF INVENTION: EOTAXIN: AN EOSINOPHIL CHEMOATTRACTANT  
; FILE REFERENCE: 00383/025002  
; CURRENT APPLICATION NUMBER: US/09/366,887A  
; FILING DATE: 1999-08-04  
; PRIOR APPLICATION NUMBER: 60/000,449  
; PRIOR FILING DATE: 1995-06-22  
; PRIOR APPLICATION NUMBER: 08/522,713  
; PRIOR FILING DATE: 1995-09-01  
; PRIOR APPLICATION NUMBER: 08/522,713  
; PRIOR FILING DATE: 1998-06-16  
; NUMBER OF SEQ ID NOS: 27  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 18

LENGTH: 25  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-366-887A-18

Query Match 53.1%; Score 34; DB 4; Length 25;  
Best Local Similarity 85.7%; Pred. No. 6.9;  
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SPOGIAG 7  
Db 18 SPOGLAG 24

RESULT 40  
US-09-366-887A-27  
Sequence 27, Application US/09366887A  
Patent No. 6403782

GENERAL INFORMATION:  
APPLICANT: LOSTER, ANDREW D.  
APPLICANT: LEDER, PHILIP  
APPLICANT: ROTHENBERG, MARC  
APPLICANT: GARCIA, EDUARDO  
TITLE OF INVENTION: EOTAXIN: AN EOSINOPHIL CHEMOTACTANT  
FILE REFERENCE: 00383/023002  
CURRENT APPLICATION NUMBER: US/09/366,887A  
PRIOR FILING DATE: 1999-08-04  
PRIOR APPLICATION NUMBER: 60/000,449  
PRIOR FILING DATE: 1995-06-22  
PRIOR APPLICATION NUMBER: 08/522,713  
PRIOR FILING DATE: 1995-09-01  
PRIOR APPLICATION NUMBER: 08/522,713  
NUMBER OF SEQ ID NOS: 27  
SOFTWARE: FastSeq for Windows Version 4.0  
SEQ ID NO 27  
LENGTH: 97  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-366-887A-27

Query Match 53.1%; Score 34; DB 4; Length 97;  
Best Local Similarity 85.7%; Pred. No. 28;  
Matches 6; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1 SPOGIAG 7  
Db 18 SPOGLAG 24

RESULT 41  
US-08-728-470-10  
Sequence 10, Application US/08728470  
Patent No. 5928651

GENERAL INFORMATION:  
APPLICANT: Barenkamp, Stephen J  
TITLE OF INVENTION: High Molecular Weight Surface Proteins  
TITLE OF INVENTION: Of No. 5928651-Typeable Haemophilus  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Shoemaker and Mattare, Ltd.  
STREET: 2001 Jefferson Davis Hwy., 1203 Crystal Plaza  
STREET: Bldg. 1  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202-0286  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/728,470  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/302,832  
FILING DATE: 16-MAR-1993

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US PCT/US93/02166  
FILING DATE: 16-MAR-1993

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9205704.1  
FILING DATE: 16-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Berkstresser, Jerry W  
REGISTRATION NUMBER: 22,651  
REFERENCE/DOCKET NUMBER: 1038-633  
TELEPHONE: (703) 415-0810  
TELEFAX: (703) 415-0813

INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 1529 amino acids  
TYPE: amino acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-728-470-10

Query Match 53.1%; Score 34; DB 2; Length 1529;  
Best Local Similarity 66.7%; Pred. No. 5e+02;  
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 4 GIAGORNFN 12  
Db 630 GIGCKTFNFN 638

RESULT 42  
US-08-719-641-10  
Sequence 10, Application US/08719641  
Patent No. 6218141

GENERAL INFORMATION:  
APPLICANT: Barenkamp, Stephen J  
TITLE OF INVENTION: High Molecular Weight Surface Proteins  
TITLE OF INVENTION: Of No. 6218141-Typeable Haemophilus  
NUMBER OF SEQUENCES: 10  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Shoemaker and Mattare, Ltd.  
STREET: 2001 Jefferson Davis Hwy., 1203 Crystal Plaza  
STREET: Bldg. 1  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202-0286  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/719,641  
FILING DATE:  
CLASSIFICATION: 530  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/302,832  
FILING DATE: 16-SEP-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US PCT/US93/02166  
FILING DATE: 16-MAR-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: GB 9205704.1  
FILING DATE: 16-MAR-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Berkstresser, Jerry W

QY 1 SPQ--GIAGQR 9

Db 158 SPOGVLGAGOR 168

|||||

RESULT 46

US-08-305-505-2

Sequence 2, Application US/08305505

Patent No. 5668001

GENERAL INFORMATION:

APPLICANT: Miziorfo, Henry M.

TITLE OF INVENTION: 3-HYDROXY-3-METHYLGUTARYL-COA

TITLE OF INVENTION: SYNTHASE PREPARATION WITH IMPROVED

TITLE OF INVENTION: STABILITY

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

ADDRESSEE: Charles & Brady

STREET: 411 East Wisconsin Avenue

CITY: Milwaukee

STATE: Wisconsin

COUNTRY: U.S.A.

ZIP: 53202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/305,505

FILING DATE:

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/072,040

FILING DATE: 02 JUNE 1993

ATTORNEY/AGENT INFORMATION:

NAME: Baker, Jean C.

REGISTRATION NUMBER: 35,433

REFERENCE/DOCKET NUMBER: 65-053-9083-9

TELECOMMUNICATION INFORMATION:

TELEPHONE: (414) 277-5709

TELEFAX: (414) 277-5591

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 522 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-305-505-2

Query Match

Best Local Similarity 51.6%; Score 33; DB 1; Length 522;

Matches 6; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Db 362 SPOGVLGAGOR 370

|||:|||||

RESULT 47

US-07-952-853-22

Sequence 22, Application US/07952853

Patent No. 5663783

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-305-505-2

Query Match

Best Local Similarity 45.5%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 48

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-952-853-22

Query Match

Best Local Similarity 51.6%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 49

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-952-853-22

Query Match

Best Local Similarity 45.5%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 50

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-952-853-22

Query Match

Best Local Similarity 45.5%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 51

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-952-853-22

Query Match

Best Local Similarity 45.5%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 52

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-952-853-22

Query Match

Best Local Similarity 45.5%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 53

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-952-853-22

Query Match

Best Local Similarity 45.5%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 54

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-952-853-22

Query Match

Best Local Similarity 45.5%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 55

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION: CLONING AND EXPRESSION OF DNA

SEQUENCE CHARACTERISTICS:

LENGTH: 628 amino acids

TYPE: amino acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: protein

US-07-952-853-22

Query Match

Best Local Similarity 45.5%; Score 33; DB 2; Length 628;

Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Db 425 SPOGVLGAGOR 435

|||:|||||

RESULT 56

US-08-914-848-22

Sequence 22, Application US/08914848

Patent No. 5989887

GENERAL INFORMATION:

APPLICANT: Van Heuvel, Margaretha

APPLICANT: Bakhuis, Janna G.

APPLICANT: Coustel, Yves

APPLICANT: Harder, Abraham

APPLICANT: De Graaff, Leendert H.

APPLICANT: Filippi, Michel J. A.

APPLICANT: Van Der Veen, Peter

APPLICANT: Visser, Jacob

APPLICANT: Andreoli, Peter M.

TITLE OF INVENTION

;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/914, 848  
;; FILING DATE:  
;; CLASSIFICATION:  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US 07/952, 853  
;; FILING DATE: 25-NOV-1992  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Murashige, Kate H.  
;; REGISTRATION NUMBER: 29, 959  
;; REFERENCE/DOCKET NUMBER: 246152003500  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 415-813-5600  
;; TELEFAX: 415-494-0792  
;; TELEX: 706141  
;; INFORMATION FOR SEQ ID NO: 22:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 628 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
US-08-914-848-22

Query Match 51.6%; Score 33; DB 2; Length 628;  
Best Local Similarity 45.5%; Pred. No. 3e+02;  
Matches 5; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 1 SPOGIAGORNF 11  
Db 425 TPDGLVGQPNY 435

RESULT 49  
US-08-931-820-4  
;; Sequence 4, Application US/08931820  
;; Patent No. 6010863  
;; GENERAL INFORMATION:  
;; APPLICANT:  
;; TITLE OF INVENTION: Assay for collagen degradation  
;; NUMBER OF SEQUENCES: 4  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25 (EPO)  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/931, 820  
;; FILING DATE:  
;; CLASSIFICATION: 435  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: EP 96202596.1  
;; FILING DATE:  
;; INFORMATION FOR SEQ ID NO: 4:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 1057 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; HYPOTHETICAL: NO  
;; ORIGINAL SOURCE:  
;; ORGANISM: Homo sapiens  
;; TISSUE TYPE: Collagen type III  
;; FEATURE:  
;; NAME/KEY: Modified-site  
;; LOCATION: 1055  
;; OTHER INFORMATION: /label= Modified  
;; OTHER INFORMATION: /note= "Ala may be Pro"  
US-08-931-820-4

Query Match 51.6%; Score 33; DB 3; Length 1057;  
Best Local Similarity 62.5%; Pred. No. 5.2e+02;  
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 POGIAGOR 9  
Db 708 PQGVKGER 715

RESULT 50  
US-08-963-825-21  
;; Sequence 21, Application US/08963825  
;; Patent No. 6110689  
;; GENERAL INFORMATION:  
;; APPLICANT: Qvist, Per  
;; TITLE OF INVENTION: A Method for Assaying Collagen Fragments  
;; TITLE OF INVENTION: In Body Fluids, A Test Kit and Means for Carrying Out the  
;; TITLE OF INVENTION: Method and Use of the Method to Diagnose the Presence of  
;; TITLE OF INVENTION: Disorders Associated with the Metabolism of  
;; NUMBER OF SEQUENCES: 21  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Darby & Darby PC  
;; STREET: 805 Third Avenue  
;; CITY: New York  
;; STATE: New York  
;; COUNTRY: USA  
;; ZIP: 10022  
;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/963, 825  
;; FILING DATE:  
;; CLASSIFICATION: 436  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/187, 319  
;; FILING DATE: 21-JAN-1994  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Gogoris, Adda C  
;; REGISTRATION NUMBER: 29, 714  
;; REFERENCE/DOCKET NUMBER: 4305/08701  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 212-527-7700  
;; TELEFAX: 212-753-6237  
;; TELEX: 236687  
;; INFORMATION FOR SEQ ID NO: 21:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 1078 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; ORIGINAL SOURCE:  
;; ORGANISM: Homo sapiens  
;; IMMEDIATE SOURCE:  
;; CLONE: COLLAGEN ALPHA 1 (III)  
US-08-963-825-21

Query Match 51.6%; Score 33; DB 3; Length 1078;  
Best Local Similarity 62.5%; Pred. No. 5.3e+02;  
Matches 5; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 2 POGIAGOR 9  
Db 709 PQGVKGER 716

Search completed: May 16, 2003, 10:41:36  
Job time : 25 secs

